

POLYCAST TECHNOLOGY CORP -- POLYCAST ACRYLIC SHEET, POLY 76 -- 9330-00-935-6054

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Product Identification  
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Product ID:POLYCAST ACRYLIC SHEET, POLY 76

MSDS Date:01/01/1987

FSC:9330

NIIN:00-935-6054

MSDS Number: BMSYF

=== Responsible Party ===

Company Name:POLYCAST TECHNOLOGY CORP

Address:69 SOUTHFIELD AVE

City:STAMFORD

State:CT

ZIP:06902-7614

Country:US

Info Phone Num:203-327-6010

Emergenc

y Phone Num:203-327-6010

CAGE:20434

=== Contractor Identification ===

Company Name:POLYCAST TECHNOLOGY CORP

Address:69 SOUTHFIELD AVE

Box:City:STAMFORD

State:CT

ZIP:06902-7614

Country:US

Phone:203-327-6010/6013

CAGE:20434

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Composition/Information on Ingredients  
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Ingred Name:POLYMETHYLMETHACRYLATE

CAS:9011-14-7

RTECS #:TR0400000

Fraction by Wt: 89-99%

Other REC Limits:NONE SPECIFIED

Ingred Name:PROPRIETARY INGREDIENT

Fraction by Wt: 1-11%

Other REC Limits:NONE SPECI

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===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:INGESTION-INGESTION OF SMALL

QUANTITIES UNDER NORMAL CIRCUMSTANCES WOULD NOT CAUSE HARMFUL EFFECTS. INHALATION-GROSS OVEREXPOSURE TO NUISANCE PARTICLES, REGARDLESS OF HOW GENERATED, MAY CAUSE IRRITATION OF THE RESPIRATORY TRACT. SKIN OR EYE-NUISANCE PARTICLES MAY CAUSE

IRRITATION.

IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:VAPOR MAY CAUSE IRRITATION OF THE EYS, NOSE & THROAT. MAY CAUSE CENTRAL NERVOUS SYSTEM EFFECTS, SUCH AS HEADACHE, DIZZINESS, NAUSEA, LOSS OF CONSCIOUSNESS. UNDER SOME CIRCUMSTANCES MUTAGENIC CHANGES H AVE BEEN OBSERVED WITH MMA.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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===== First Aid Measures =====

First Aid:INHALATION-REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY EXIST, CONSULT A PHYSICIAN. SKIN OR EYE-FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MIN. CALL A PHYSICIAN.

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===== Fire Fighting Measures =====

Autoignition Temp:Autoignition Temp Text:986F

Extinguishing Media:CARBON DIOXIDE, WATER, DRY CHEMICAL.

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT, INCLUDING SELF

-CONTAINED BREATHING APPARATUS, IS RECOMMENDED.

Unusual Fire/Explosion Hazard:TEMPERATURES ABOVE 700F CAN CAUSE METHYL METACRYLATE MONOMER (MMA) TO BE RELEASED. UNDER COMBUSTION CONDITIONS, MMA WILL IGNITE & PRODUCE CO, CO\*2 & WATER.

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===== Accidental Release Measures =====

Spill Release Procedures:NOT APPLICABLE FOR SHEETS; FOR SAW DUST OR CHIPS, SWEEP INTO BAG OR OTHER SUITABLE CONTAINER.

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===== Handling and Storage

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Handling and Storage Precautions:KEEP AWAY FROM IGNITION SOURCES.  
Other Precautions:A STRONG NAPHTHALENE SMELL MAY ARISE DURING CUTTING  
OF THIS MATERIAL. PROPER VENTILATION IS REQUIRED. OPERATIONS SUCH  
AS SAWING, ROUTING & DRILLING CAN ALSO LIBERATE MMA.

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Exposure Controls/Personal Protection

Respiratory Protection:IF AIRBORNE EXPOSURE IS ABOVE 100 PPM FOR  
METHACRYLATE, A FITTED ORGAINC RESPIRATOR OR A SUPPLIED AIR  
RESPIRATOR  
IS REQUIRED.

Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP  
AIRBORNE LEVELS OF METHYL METACRYLATE BELOW 100 PPM.

Protective Gloves:LEATHER WORK GLOVES ARE RECOMMENDED

Eye Protection:SAFETY GLASSES WITH SIDE SHIELDS

Other Protective Equipment:NONE REQUIRED.

Work Hygienic Practices:NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health  
NONE

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Physical/Chemical Properties

HCC:N1

Spec Gravity:1.19

Evaporation Rate & Ref  
erence:NIL

Solubility in Water:NIL

Appearance and Odor:PLASTIC, CLEAR ACRYLIC.

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Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES  
STRONG ACIDS, BASES, OXIDIZING AGENTS.

Stability Condition to Avoid:TEMPERATURES ABOVE 700F, HEAT AND IGNITION  
SOURCES.

Hazardous Decomposition Products:PRODUCE CARBON MONOXIDE, CARBON  
DIOXIDE & SMOKE.

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Disposal Considerations

Waste Disposal Methods:SANI

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